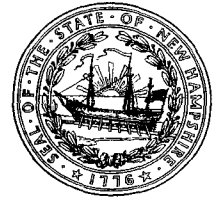




The State of New Hampshire
Department of Environmental Services



Michael P. Nolin
Commissioner

June 27, 2005
Letter of Deficiency
DSP#05-018

Mr. Edwin Betz
Town of Peterborough
1 Grove Street
Peterborough, NH 03458

RE: North Village Dam #191.04, Peterborough

Dear Mr. Betz:

The Department of Environmental Services, Dam Bureau (DES) consistently strives to enhance the safety of dams in New Hampshire through its dam safety program. One of the many instruments that play a part in reaching this goal is our inspection program. DES is forwarding this correspondence to you to advise you that in accordance with RSA 482:12 and Env-Wr 502.02, an inspection of the subject dam was conducted on July 7, 2004. During this visual inspection and/or file review, the following deficiencies were observed:

1. There is a sinkhole located at the left (as looking downstream) embankment crest located 6 feet by 3 feet and is 1.5 feet deep. In addition, the left upstream concrete wall appears to have several horizontal cracks which may be hydraulically connected to the recurring sinkhole issue;
2. There appears to be a granite block missing from the spillway crest located approximately 1/3 of the way across the spillway from the right spillway abutment wall;
3. The right spillway abutment was overgrown with brush obscuring view of the right spillway abutment which appears to have been overtopped and partially failed; and
4. There are trees and brush located within 15 feet of the left concrete abutments.

DES believes that the above deficiencies can be corrected by performing the following items by the indicated schedule:

August 1, 2006:

1. Fill in the sinkhole located on the left embankment crest;
2. Repair the cracks located in the left upstream concrete wall;
3. Replace the missing granite block in the spillway crest located approximately 1/3 of the way across the spillway from the right spillway abutment wall;
4. Remove the brush that is obscuring the view of the right spillway abutment which appears to have been overtopped and partially failed; and

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5. Remove the trees and brush from within 15 feet of the left concrete abutments.

DES is requesting that you complete and submit the attached "Intent to Complete Repairs" form, within 30 days of receipt of this letter, that will provide for correction of the identified deficiencies by the date(s) indicated above. Please call or write to our office if the repairs are completed ahead of the aforementioned schedule so that DES may schedule a follow-up inspection. Unless notified otherwise, DES will conduct the follow-up inspection on or after the date(s) indicated above. If you believe changes to the items of work or dates are necessary, please make the changes directly on the form and provide a brief explanation. We have enclosed a self addressed stamped envelope for you to return this form.

Our intent in sending you this correspondence is to make you aware of items that DES believes warrant your attention to insure the continued safe operation of your dam. It is our hope that, through the submittal of the attached form and a commitment to keeping a well-maintained dam, you will voluntarily comply with the requested items of work. If we do not receive the intent form or a similarly adequate written reply, we will assume that you are in agreement with our findings and recommendations and DES will carry out follow-up inspections accordingly.

If you have any questions or comments regarding this Letter of Deficiency or would like to be present at future inspections, please contact me at 271-3406, or write to the Water Division at the address listed on the bottom of the previous page.

Sincerely,

COPY

Jeffrey M. Blaney, P.E.
Dam Safety Engineer

Attachments (, DB8, DB13
cc: Gretchen R. Hamel, Legal Unit Administrator ✓
Certified # 7000 1670 0000 0588 6264
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